



LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

**CITY OF HOUSTON
6056 BELFORT ROAD
PARCEL S89-009
HOUSTON, TX
ATC PROJECT NO. 73.17331.0072**

July 19, 2006

Prepared by:

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Prepared for:

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A handwritten signature in blue ink that reads 'Tina L. Luckman'.

Tina L. Luckman
Senior Project Manager

A handwritten signature in black ink that reads 'Glen A. Dolezal'.

Glen Dolezal, P.G., CAPM
Branch Operations Manager

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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

City of Houston
6056 Belfort Road
Parcel S89-007
Houston, Texas

EXECUTIVE SUMMARY

ATC Associates Inc. (ATC) completed a Limited Phase II Environmental Site Assessment (ESA) of the City of Houston property located at 6506 Belfort Road, in Houston, Texas (herein referred to as the subject property). This report details the completion of the Limited Phase II ESA, in accordance with applicable ASTM standards and accepted environmental practices.

This Limited Phase II ESA conducted on July 5, 2006. Six (6) soil borings were advanced during the course of this Limited Phase II ESA utilizing a hand auger to approximate depths of 2-3 feet below ground surface (bgs). Soil samples were collected continuously every foot in each boring. One soil sample from each soil boring was selected for analysis from the total depth interval since screening with the Organic Vapor Monitor (OVM) indicated no vapor concentrations in any of the boring intervals. All the soil samples were analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260 and Total Petroleum Hydrocarbons (TPHs) by TX Method 1005. One soil sample (SB-2) was analyzed for RCRA Metals by EPA Methods 6000/7000.

The constituent concentrations identified during the Limited Phase II ESA were evaluated with respect to the Texas Risk Reduction Program (TRRP) Tier 1 critical Protective Concentration Levels (PCLs). VOCs and TPH concentrations were all identified below laboratory detection levels in each of the samples analyzed. One sample was analyzed for RCRA Metals, which were all reported to be below the TRRP published Texas-Specific Background Concentrations and/or the TRRP critical PCLs, with the exception of Lead. Lead was detected at a concentration of 11 mg/Kg, which is below the Texas Specific Background Concentration of 15 mg/Kg.

ATC Associates Inc.

1.0 INTRODUCTION

1.1 Purpose and Scope

ATC Associates Inc. (ATC) was contracted by the City of Houston to conduct a Limited Phase II ESA of the subject property located at 6056 Belfort Road in Houston, TX.

The purpose of the Limited Phase II Environmental Site Assessment (ESA) is to assess the potential impact to the property following a Phase I ESA that was conducted by Environmental Resource Consultants (ERC) in April 2006. The Limited Phase II ESA was performed to assist in confirming the nature and/or extent of possible soil contamination at the above-referenced property.

The scope of the Limited Phase II ESA included subsurface soil sampling utilizing a hand auger. Six (6) soil borings were advanced during the investigation to a total depth of 2-3 feet bgs.

1.2 Background

The property is owned by the City of Houston, and its former use was unknown at the time of the initial Phase I ESA conducted by ERC. The subject property consists of approximately 97,871 square feet of vacant land covered with grass and native vegetation. The vicinity of the property can be described as residential and commercial development in conjunction with schools and churches. The site is bounded by Belfort to the north, residential homes to the south and west and by South Wayside to the east.

2.0 PREVIOUS INVESTIGATIONS

2.1 Phase I Environmental Site Assessment

ERC conducted a Phase I ESA in April 2006, which identified the following environmental concerns:

- The subject property had environmental concerns due to the size of the property and due to unknown past operations of the property. Therefore a Phase II ESA was recommended in order to determine if environmental concerns from previous operations on site may have affected surface or subsurface media.

3.0 SOIL ASSESSMENT

3.1 Soil Boring Advancement and Sample Collection

On July 5, 2006, six soil borings were advanced with a hand auger to approximately two to three feet bgs. Due to shell backfill encountered at approximately two feet the collection of samples below this three feet was not obtainable. A site map depicting the soil boring location is included as Figure 1. The soil boring logs are provided in Appendix B. During the advancement of the soil borings, soils were sampled continuously every foot. One soil sample from each soil boring was selected for analysis; either the sample with the highest OVM reading or the sample at the soil groundwater interface was collected for laboratory analysis.

3.2 Laboratory Analysis

Each soil sample was analyzed for VOCs by EPA Method 8260 and TPH by TX Method 1005. One sample (SB-3) was analyzed for RCRA Metals by EPA Method 6000/7000. Tables 1, 2 and 3 summarize the analytical results. A copy of the laboratory analytical report by SPL is provided in Appendix B.

4.0 REGULATORY EVALUATION

Analytical laboratory results from this Limited Phase II ESA were compared to TRRP critical PCLs for soil, as well as TRRP Texas-Specific Background Concentrations for metals. A summary of the regulatory evaluation is provided below.

4.1 Soils

Analytical results of the soil samples collected by ATC for VOCs and TPH concentrations were all identified below laboratory detection levels. One sample was analyzed for RCRA Metals and all analytes were reported below TRRP Texas-Specific Background Concentrations and/or critical PCLs, with the exception of Lead which was reported at 11 mg/Kg, which is below the TRRP Texas-Specific Background Concentration of 15 mg/Kg.

5.0 QUALITY CONTROL/QUALITY ASSURANCE

5.1 Decontamination Procedures

Drilling operations were conducted using a hand auger, and all down-hole equipment was cleaned in an alconox solution after collection of each soil sample.

5.2 Field QA/QC Procedures

Soil samples submitted for laboratory analysis were contained within a Teflon-lined glass jar, placed on ice, and transported to the laboratory for analysis. Soil samples submitted to the laboratory were analyzed for VOCs, TPH and RCRA Metals.

Each sample was labeled and secured to preserve the integrity of the identification, from the time the sample was collected until it was opened at the laboratory. For each sample, the sample container label and chain-of-custody form were completed. Soil samples were immediately placed in a cooler containing ice or frozen ice packs and hand delivered to the laboratory.

5.3 Sample Quality Control/Quality Assurance

Various QA/QC procedures were followed by the environmental laboratory. Prior to initiating analysis, it is required to establish that a given instrument meets the method tuning standard. The calibration of each instrument was verified at frequencies specified in the EPA approved methods. A new standard curve must be prepared as specified in each method per EPA Method SW-846.

Prior to analysis, instruments are required to be calibrated by the appropriate procedure. Each calibration standard was tabulated and the retention times recorded. The laboratory QA/QC results are provided in Appendix C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

ATC has provided the following conclusions of this Limited Phase II ESA based on the field activities conducted on July 5, 2006 at the subject property, and on laboratory analytical data of media samples collected by ATC.

- The soils at the site consist of dark fill which primarily consisted of clay to approximately 2-3 feet. A hard shell backfill was then encountered and the further advancement of the borings were not possible with a hand auger.
- Analytical results of soil samples collected during the advancement of the six (6) soil borings indicated no presence of VOCs and TPH concentrations above laboratory detection levels.

- RCRA Metals analytical results for SB-3 reported all constituents below Texas-Specific Background Concentrations and/or TRRP critical PCLs with the exception of Lead, which was reported at 11 mg/Kg, which is below the TRRP Texas-Specific Background Concentration of 15 mg/Kg. Further sampling would be required to completely dismiss this concentration as background, however, based on the level identified, lead is not expected to represent an issue for the subject property.

6.2 Recommendations

Even though the lead concentration is above the TRRP Critical PCLs in soils, it was well below the Texas Background Concentration, therefore the concentration identified does not appear to warrant an additional assessment based on the level and because only one sample was analyzed it could not be compared to other samples collected from the site. However, further sampling would be required to completely dismiss the lead concentration identified as a background level, however, based on the level identified, lead is not expected to represent an issue for the subject property

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

City of Houston
6056 Belfort Road
Parcel S89-007
Houston, Texas

TABLES

TABLE 1
Soil Analytical Results - VOCs
City of Houston - S89-007
6056 Belfort
Houston, TX

Volatile Organic Compounds (VOC)	SB-1 (5') mg/Kg	SB-1 (5') mg/Kg	SB-2 (5') mg/Kg	SB-3 (5') mg/Kg	SB-4 (5') mg/Kg	SB-5 (5') mg/Kg	SB-6 (5') mg/Kg	TRRP mg/Kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	0.0033
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	3.8
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	0.69
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	170
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	0.0065
Naphthalene	ND	ND	ND	ND	ND	ND	ND	16
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	22
Styrene	ND	ND	ND	ND	ND	ND	ND	1.6
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	0.71
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	0.012
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	0.025
Toluene	ND	ND	ND	ND	ND	ND	ND	4.1
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	2.4
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	13
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	0.01
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	0.81
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	0.017
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	64
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	0.0011
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	24
1,3,5-trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	16
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.011
o-Xylene	ND	ND	ND	ND	ND	ND	ND	35
m,p-Xylenes	ND	ND	ND	ND	ND	ND	ND	35

Note:

- (1) VOC analysis performed by EPA Method 8260.
- (2) Samples collected on July 5, 2006.
- (3) TRRP concentrations represent the Tier 1 Soil Critical PCLs.

TABLE 2
Soil Analytical Results - TPH
City of Houston - S89-007
6056 Belfort
Houston, TX

Total Petroleum Hydrocarbons	SB-1 (5')	SB-1 (5')	SB-2 (5')	SB-3 (5')	SB-4 (5')	SB-5 (5')	SB-6 (5')	TRRP
(TPH)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
TPH (C ₆ -C ₁₂)	ND	ND	ND	ND	ND	ND	ND	10.0
TPH (C ₁₂ -C ₂₈)	ND	ND	ND	ND	ND	ND	ND	99.0
TPH (>C ₂₈ -C ₃₅)	ND	ND	ND	ND	ND	ND	ND	1800.0
Total TPH	ND	ND	ND	ND	ND	ND	ND	NA

Note:

- (1) TPH analysis performed by TCEQ Method TX1005.
- (2) Samples collected on July 5, 2006.
- (3) TRRP concentrations represent the Tier 1 Soil Critical PCLs.

TABLE 3
Soil Analytical Results - RCRA Metals
City of Houston - S89-007
6056 Belfort
Houston, TX

<u>Boring</u>	<u>Date</u>	<u>Depth</u> (feet)	<u>Arsenic</u> (mg/Kg)	<u>Barium</u> (mg/Kg)	<u>Cadmium</u> (mg/Kg)	<u>Chromium</u> (mg/Kg)	<u>Lead</u> (mg/Kg)	<u>Selenium</u> (mg/Kg)	<u>Silver</u> (mg/Kg)	<u>Mercury</u> (mg/Kg)
SB-3	7/5/2006	5	1.8	97	ND	10.6	11	0.293	ND	ND
Texas Background Conc's (mg/Kg)			5.9	300	*	30	15	0.3	*	0.04
TRRP Critical PCLs (mg/Kg)			2.5	220	0.75	1200	1.5	1.1	0.24	0.0039
<p>Note:</p> <p>(1) Total Metals analyses performed by EPA Methods 6000/7000.</p> <p>(2) ND = Not detected above laboratory detection levels.</p> <p>(3) There are no Texas-Specific background concentrations for these metals.</p>										

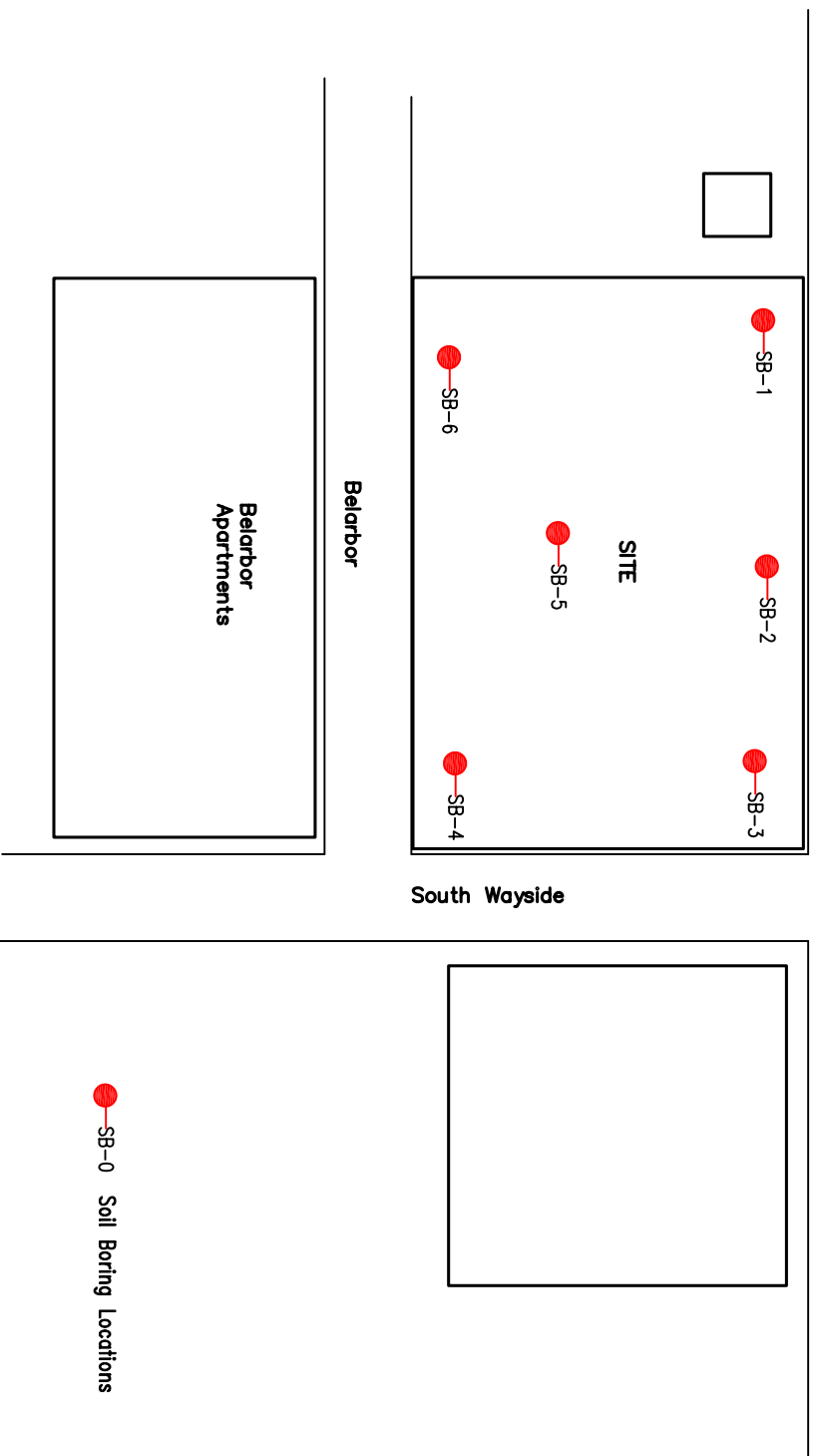
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

City of Houston
6056 Belfort Road
Parcel S89-007
Houston, Texas

FIGURES



Belfort



3020 Bluebonnet Drive
Stafford, Texas 77477
(281) 246-0154
(281) 246-8909 Fax

SITE & LOCATION MAP
CITY OF HOUSTON PARCEL SY6-038
6056 BELFORT ROAD
HOUSTON, TEXAS

PROJECT NO.
73.17331.0072

SCALE:
NOT TO SCALE

DATE: JULY 2006

FIGURE NO.: 1

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

City of Houston
6056 Belfort Road
Parcel S89-007
Houston, Texas

APPENDIX A

SOIL BORING LOGS

PROJECT ► City of Houston-- 6056 Belfort Road		Boring Log	PROJECT NUMBER ► 73.17331.0072	
LOGGED BY ► Mike Wilson			START DATE ► 07-05-06	
CHECKED BY ► Glen Dolezal			COMPLETION DATE ► 07-05-06	
GROUND SURFACE ELEVATION DATUM (FT-MSL) ►			DRILLING COMPANY ► NA	
DRILLING EQUIPMENT ► Hand Auger			DRILLER ► NA	
BORING DEPTH(FT) ► 2'	WELL DEPTH(FT) ►	WATER DEPTH(FT)—Initial: NA Complete:		
WELL MATERIALS ► NA		OVM/OVA ► OVM		
BACKFILL MATERIAL ► NA				

DEPTH (FT)	LITHOLOGY		GRAPHIC	PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION				RECOVERY %	TIME	NUMBER	
0	Grass							
	Dark clay fill material, no odor					1530	SB-1	
	Shell back fill material, auger refusal							
5								
10								
15								
20								
25								
30								

BORING DESIGNATION SB-1	 VATC <small>ASSOCIATES INC.</small>	PAGE NUMBER 1 OF 1
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PROJECT ► City of Houston— 6056 Belfort Road		Boring Log	PROJECT NUMBER ► 73.17331.0072		
LOGGED BY ► Mike Wilson			START DATE ► 07-05-06		
CHECKED BY ► Glen Dolezal			COMPLETION DATE ► 07-05-06		
GROUND SURFACE ELEVATION DATUM (FT-MSL) ►			DRILLING COMPANY ► NA		
DRILLING EQUIPMENT ► Hand Auger			DRILLER ► NA		
BORING DEPTH(FT) ► 2'	WELL DEPTH(FT) ►	WATER DEPTH(FT)—Initial: NA Complete:			
WELL MATERIALS ► NA			OVM/OVA ► OVM		
BACKFILL MATERIAL ► NA					

DEPTH (FT)	LITHOLOGY		PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC		RECOVERY %	TIME	NUMBER	
0	Grass						
	Dark clay fill material, no odor				1615	SB-2	
	Shell back fill material, auger refusal						
5							
10							
15							
20							
25							
30							

BORING DESIGNATION SB-2	 VATC ASSOCIATES INC.	PAGE NUMBER 1 OF 1
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PROJECT ▶ City of Houston– 6056 Belfort Road		Boring Log		PROJECT NUMBER ▶ 73.17331.0072	
LOGGED BY ▶ Mike Wilson				START DATE ▶ 07-05-06	
CHECKED BY ▶ Glen Dolezal				COMPLETION DATE ▶ 07-05-06	
GROUND SURFACE ELEVATION DATUM (FT–MSL) ▶			DRILLING COMPANY ▶ NA		
DRILLING EQUIPMENT ▶ Hand Auger			DRILLER ▶ NA		
BORING DEPTH(FT) ▶ 2'		WELL DEPTH(FT) ▶		WATER DEPTH(FT)–Initial: NA Complete:	
WELL MATERIALS ▶ NA			OVM/OVA ▶ OVM		
BACKFILL MATERIAL ▶ NA					

DEPTH (FT)	LITHOLOGY	GRAPHIC	PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION			RECOVERY %	TIME	NUMBER	
0	Grass						
	Dark clay fill material, no odor				1700	SB-3	
	Shell back fill material, auger refusal						
5							
10							
15							
20							
25							
30							

BORING DESIGNATION SB-3		PAGE NUMBER 1 OF 1
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PROJECT ► City of Houston— 6056 Belfort Road		Boring Log	PROJECT NUMBER ► 73.17331.0072	
LOGGED BY ► Mike Wilson			START DATE ► 07-05-06	
CHECKED BY ► Glen Dolezal			COMPLETION DATE ► 07-05-06	
GROUND SURFACE ELEVATION DATUM (FT-MSL) ►			DRILLING COMPANY ► NA	
DRILLING EQUIPMENT ► Hand Auger			DRILLER ► NA	
BORING DEPTH(FT) ► 2'	WELL DEPTH(FT) ►	WATER DEPTH(FT)—Initial: NA Complete:		
WELL MATERIALS ► NA		OVM/OVA ► OVM		
BACKFILL MATERIAL ► NA				

DEPTH (FT)	LITHOLOGY		PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC		RECOVERY %	TIME	NUMBER	
0	Grass						
	Dark clay fill material, no odor				1745	SB-4	
	Shell back fill material, auger refusal						
5							
10							
15							
20							
25							
30							

BORING DESIGNATION SB-4		PAGE NUMBER 1 OF 1
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PROJECT ► City of Houston— 6056 Belfort Road		Boring Log	PROJECT NUMBER ► 73.17331.0072	
LOGGED BY ► Mike Wilson			START DATE ► 07-05-06	
CHECKED BY ► Glen Dolezal			COMPLETION DATE ► 07-05-06	
GROUND SURFACE ELEVATION DATUM (FT-MSL) ►			DRILLING COMPANY ► NA	
DRILLING EQUIPMENT ► Hand Auger			DRILLER ► NA	
BORING DEPTH(FT) ► 2'	WELL DEPTH(FT) ►	WATER DEPTH(FT)—Initial: NA Complete:		
WELL MATERIALS ► NA		OVM/OVA ► OVM		
BACKFILL MATERIAL ► NA				

DEPTH (FT)	LITHOLOGY		PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC		RECOVERY %	TIME	NUMBER	
0	Grass						
	Dark clay fill material, no odor			1830	SB-5		
	Shell back fill material, auger refusal						
5							
10							
15							
20							
25							
30							

BORING DESIGNATION SB-5	 VATC ASSOCIATES INC.	PAGE NUMBER 1 OF 1
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PROJECT ► City of Houston— 6056 Belfort Road		Boring Log	PROJECT NUMBER ► 73.17331.0072	
LOGGED BY ► Mike Wilson			START DATE ► 07-05-06	
CHECKED BY ► Glen Dolezal			COMPLETION DATE ► 07-05-06	
GROUND SURFACE ELEVATION DATUM (FT-MSL) ►			DRILLING COMPANY ► NA	
DRILLING EQUIPMENT ► Hand Auger			DRILLER ► NA	
BORING DEPTH(FT) ► 2'	WELL DEPTH(FT) ►	WATER DEPTH(FT)—Initial: NA Complete:		
WELL MATERIALS ► NA		OVM/OVA ► OVM		
BACKFILL MATERIAL ► NA				

DEPTH (FT)	LITHOLOGY		PID (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC		RECOVERY %	TIME	NUMBER	
0	Grass						
	Dark clay fill material, no odor				1915	SB-6	
	Shell back fill material, auger refusal						
5							
10							
15							
20							
25							
30							

BORING DESIGNATION SB-6		PAGE NUMBER 1 OF 1
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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

City of Houston
6056 Belfort Road
Parcel S89-007
Houston, Texas

APPENDIX B

**LABORATORY REPORTS AND CHAIN-OF-CUSTODY
DOCUMENTATION**



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc.

Certificate of Analysis Number:

06070197

<u>Report To:</u> ATC Associates, Inc. Tina Luckman 3928 Bluebonnet Stafford TX 77477- ph: (281) 240-0154 fax:	<u>Project Name:</u> Phase II ESA Parcel S89-007 <u>Site:</u> 6056 Bellfort <u>Site Address:</u> <u>PO Number:</u> <u>State:</u> Texas <u>State Cert. No.:</u> T104704205-06-TX <u>Date Reported:</u> 7/13/2006
---	--

This Report Contains A Total Of 34 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

7/13/2006

Date

Site: 6056 Bellfort

Site Address:



O Number:

State: Texas

State Cert. No.: T104704205-06-TX

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:
ATC Associates, Inc.

Certificate of Analysis Number:

Correction is denoted in the units field on the analytical report (" mg/kg-dry " or "

06070197

Sample was chosen and tested at random from an analytical batch of "like" matrix to check for matrix data only for those samples which are spiked by the laboratory. Since the sample chosen for spike purposes may or may not have been a sample for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB) are achieved throughout the entire analytical process.

Sample was selected for use in SPL's quality control program for the Total Metals analysis by outside of the advisable quality control limits for Arsenic and Lead (Batch ID:58622-I) Post Digestion Spike Duplicate (PDSD) was performed and all recoveries for outside of control limits for Lead. A Laboratory Control Sample (LCS) was All recoveries were within acceptable limits.

Project Name: Phase II ESA Parcel S89-007

Date Reported: 7/13/2006

the MS/MSD may be different than the calculated recoveries and RPD's using the because, the actual raw result is used to perform the calculations for percent

in the analytical result page(s) or the quality control summary page(s).

comments pertaining to this data report. Please reference the above Certificate of

written approval of the laboratory. The reported results are only representative of the

working with you in fulfilling all your current and future analytical needs.

06070197 Page 1

7/13/2006

Sonia West

Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc.

Certificate of Analysis Number:

06070197

Report To: ATC Associates, Inc.
Tina Luckman
3928 Bluebonnet

Stafford
TX

77477-

ph: (281) 240-0154

fax: (281) 240-8909

Project Name: Phase II ESA Parcel S89-007

Site: 6056 Bellfort

Site Address:

PO Number:

State: Texas

State Cert. No.: T104704205-06-TX

Date Reported: 7/13/2006

Fax To:

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
SB-1	06070197-01	Soil	7/5/2006 3:30:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-1	06070197-01	Soil	7/5/2006 3:30:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>
SB-2	06070197-02	Soil	7/5/2006 4:15:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-2	06070197-02	Soil	7/5/2006 4:15:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>
SB-3	06070197-03	Soil	7/5/2006 5:00:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-3	06070197-03	Soil	7/5/2006 5:00:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>
SB-4	06070197-04	Soil	7/5/2006 5:45:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-4	06070197-04	Soil	7/5/2006 5:45:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>
SB-5	06070197-05	Soil	7/5/2006 6:30:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-5	06070197-05	Soil	7/5/2006 6:30:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>
SB-6	06070197-06	Soil	7/5/2006 7:15:00 PM	7/6/2006 10:20:00 AM	226310	<input checked="" type="checkbox"/>
SB-6	06070197-06	Soil	7/5/2006 7:15:00 PM	7/6/2006 10:20:00 AM	226310	<input type="checkbox"/>

Sonia West
Senior Project Manager

7/13/2006

Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID:SB-1

Collected: 07/05/2006 15:30

SPL Sample ID: 06070197-01

Site: 6056 Bellfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/07/06 23:25	AM	3361938
>C12-C28	ND		50	1	07/07/06 23:25	AM	3361938
>C28-C35	ND		50	1	07/07/06 23:25	AM	3361938
Total TPH (C6-C35)	ND		50	1	07/07/06 23:25	AM	3361938
Surr: 1-Chlorooctane	105		% 70-130	1	07/07/06 23:25	AM	3361938
Surr: o-Terphenyl	89.3		% 70-130	1	07/07/06 23:25	AM	3361938

Prep Method	Prep Date	Prep Initials	Prep Factor
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID:SB-1

Collected: 07/05/2006 15:30

SPL Sample ID: 06070197-01

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,1,1-Trichloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,1,2-Trichloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,1-Dichloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,1-Dichloroethene	ND		5	1	07/07/06 19:21	JC	3359517
1,1-Dichloropropene	ND		5	1	07/07/06 19:21	JC	3359517
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,2,3-Trichloropropane	ND		5	1	07/07/06 19:21	JC	3359517
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dibromoethane	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dichlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dichloroethane	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dichloropropane	ND		5	1	07/07/06 19:21	JC	3359517
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,3-Dichlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
1,3-Dichloropropane	ND		5	1	07/07/06 19:21	JC	3359517
1,4-Dichlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
2,2-Dichloropropane	ND		5	1	07/07/06 19:21	JC	3359517
2-Butanone	ND		20	1	07/07/06 19:21	JC	3359517
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 19:21	JC	3359517
2-Chlorotoluene	ND		5	1	07/07/06 19:21	JC	3359517
2-Hexanone	ND		10	1	07/07/06 19:21	JC	3359517
4-Chlorotoluene	ND		5	1	07/07/06 19:21	JC	3359517
4-Isopropyltoluene	ND		5	1	07/07/06 19:21	JC	3359517
4-Methyl-2-pentanone	ND		10	1	07/07/06 19:21	JC	3359517
Acetone	ND		100	1	07/07/06 19:21	JC	3359517
Acrylonitrile	ND		50	1	07/07/06 19:21	JC	3359517
Benzene	ND		5	1	07/07/06 19:21	JC	3359517
Bromobenzene	ND		5	1	07/07/06 19:21	JC	3359517
Bromochloromethane	ND		5	1	07/07/06 19:21	JC	3359517
Bromodichloromethane	ND		5	1	07/07/06 19:21	JC	3359517
Bromoform	ND		5	1	07/07/06 19:21	JC	3359517
Bromomethane	ND		10	1	07/07/06 19:21	JC	3359517
Carbon disulfide	ND		5	1	07/07/06 19:21	JC	3359517
Carbon tetrachloride	ND		5	1	07/07/06 19:21	JC	3359517
Chlorobenzene	ND		5	1	07/07/06 19:21	JC	3359517
Chloroethane	ND		10	1	07/07/06 19:21	JC	3359517

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference

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7/13/2006 9:43:11 AM



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-1

Collected: 07/05/2006 15:30

SPL Sample ID: 06070197-01

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 19:21	JC	3359517
Chloromethane	ND		10	1	07/07/06 19:21	JC	3359517
dibromochloromethane	ND		5	1	07/07/06 19:21	JC	3359517
Dibromomethane	ND		5	1	07/07/06 19:21	JC	3359517
Dichlorodifluoromethane	ND		10	1	07/07/06 19:21	JC	3359517
Ethylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
Hexachlorobutadiene	ND		5	1	07/07/06 19:21	JC	3359517
Isopropylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
Methyl tert-butyl ether	ND		5	1	07/07/06 19:21	JC	3359517
Methylene chloride	ND		5	1	07/07/06 19:21	JC	3359517
Naphthalene	ND		5	1	07/07/06 19:21	JC	3359517
n-Butylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
n-Propylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
sec-Butylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
Styrene	ND		5	1	07/07/06 19:21	JC	3359517
tert-Butylbenzene	ND		5	1	07/07/06 19:21	JC	3359517
Tetrachloroethene	ND		5	1	07/07/06 19:21	JC	3359517
Toluene	ND		5	1	07/07/06 19:21	JC	3359517
Trichloroethene	ND		5	1	07/07/06 19:21	JC	3359517
Trichlorofluoromethane	ND		5	1	07/07/06 19:21	JC	3359517
Vinyl acetate	ND		10	1	07/07/06 19:21	JC	3359517
Vinyl chloride	ND		10	1	07/07/06 19:21	JC	3359517
cis-1,2-Dichloroethene	ND		5	1	07/07/06 19:21	JC	3359517
cis-1,3-Dichloropropene	ND		5	1	07/07/06 19:21	JC	3359517
m,p-Xylene	ND		5	1	07/07/06 19:21	JC	3359517
o-Xylene	ND		5	1	07/07/06 19:21	JC	3359517
trans-1,2-Dichloroethene	ND		5	1	07/07/06 19:21	JC	3359517
trans-1,3-Dichloropropene	ND		5	1	07/07/06 19:21	JC	3359517
Xylenes, Total	ND		5	1	07/07/06 19:21	JC	3359517
1,2-Dichloroethene (total)	ND		5	1	07/07/06 19:21	JC	3359517
Surr: 1,2-Dichloroethane-d4	86.0		% 64-130	1	07/07/06 19:21	JC	3359517
Surr: 4-Bromofluorobenzene	76.0		% 62-130	1	07/07/06 19:21	JC	3359517
Surr: Toluene-d8	84.0		% 70-140	1	07/07/06 19:21	JC	3359517

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-2

Collected: 07/05/2006 16:15

SPL Sample ID: 06070197-02

Site: 6056 Bellfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/07/06 23:44	AM	3361939
>C12-C28	ND		50	1	07/07/06 23:44	AM	3361939
>C28-C35	ND		50	1	07/07/06 23:44	AM	3361939
Total TPH (C6-C35)	ND		50	1	07/07/06 23:44	AM	3361939
Surr: 1-Chlorooctane	103		% 70-130	1	07/07/06 23:44	AM	3361939
Surr: o-Terphenyl	90.2		% 70-130	1	07/07/06 23:44	AM	3361939

Prep Method	Prep Date	Prep Initials	Prep Factor
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID:SB-2

Collected: 07/05/2006 16:15

SPL Sample ID: 06070197-02

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,1,1-Trichloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,1,2-Trichloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,1-Dichloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,1-Dichloroethene	ND		5	1	07/07/06 21:41	JC	3359521
1,1-Dichloropropene	ND		5	1	07/07/06 21:41	JC	3359521
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,2,3-Trichloropropane	ND		5	1	07/07/06 21:41	JC	3359521
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dibromoethane	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dichlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dichloroethane	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dichloropropane	ND		5	1	07/07/06 21:41	JC	3359521
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,3-Dichlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
1,3-Dichloropropane	ND		5	1	07/07/06 21:41	JC	3359521
1,4-Dichlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
2,2-Dichloropropane	ND		5	1	07/07/06 21:41	JC	3359521
2-Butanone	ND		20	1	07/07/06 21:41	JC	3359521
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 21:41	JC	3359521
2-Chlorotoluene	ND		5	1	07/07/06 21:41	JC	3359521
2-Hexanone	ND		10	1	07/07/06 21:41	JC	3359521
4-Chlorotoluene	ND		5	1	07/07/06 21:41	JC	3359521
4-Isopropyltoluene	ND		5	1	07/07/06 21:41	JC	3359521
4-Methyl-2-pentanone	ND		10	1	07/07/06 21:41	JC	3359521
Acetone	ND		100	1	07/07/06 21:41	JC	3359521
Acrylonitrile	ND		50	1	07/07/06 21:41	JC	3359521
Benzene	ND		5	1	07/07/06 21:41	JC	3359521
Bromobenzene	ND		5	1	07/07/06 21:41	JC	3359521
Bromochloromethane	ND		5	1	07/07/06 21:41	JC	3359521
Bromodichloromethane	ND		5	1	07/07/06 21:41	JC	3359521
Bromoform	ND		5	1	07/07/06 21:41	JC	3359521
Bromomethane	ND		10	1	07/07/06 21:41	JC	3359521
Carbon disulfide	ND		5	1	07/07/06 21:41	JC	3359521
Carbon tetrachloride	ND		5	1	07/07/06 21:41	JC	3359521
Chlorobenzene	ND		5	1	07/07/06 21:41	JC	3359521
Chloroethane	ND		10	1	07/07/06 21:41	JC	3359521

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference

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7/13/2006 9:43:11 AM



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-2

Collected: 07/05/2006 16:15

SPL Sample ID: 06070197-02

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 21:41	JC	3359521
Chloromethane	ND		10	1	07/07/06 21:41	JC	3359521
dibromochloromethane	ND		5	1	07/07/06 21:41	JC	3359521
Dibromomethane	ND		5	1	07/07/06 21:41	JC	3359521
Dichlorodifluoromethane	ND		10	1	07/07/06 21:41	JC	3359521
Ethylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
Hexachlorobutadiene	ND		5	1	07/07/06 21:41	JC	3359521
Isopropylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
Methyl tert-butyl ether	ND		5	1	07/07/06 21:41	JC	3359521
Methylene chloride	ND		5	1	07/07/06 21:41	JC	3359521
Naphthalene	ND		5	1	07/07/06 21:41	JC	3359521
n-Butylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
n-Propylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
sec-Butylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
Styrene	ND		5	1	07/07/06 21:41	JC	3359521
tert-Butylbenzene	ND		5	1	07/07/06 21:41	JC	3359521
Tetrachloroethene	ND		5	1	07/07/06 21:41	JC	3359521
Toluene	ND		5	1	07/07/06 21:41	JC	3359521
Trichloroethene	ND		5	1	07/07/06 21:41	JC	3359521
Trichlorofluoromethane	ND		5	1	07/07/06 21:41	JC	3359521
Vinyl acetate	ND		10	1	07/07/06 21:41	JC	3359521
Vinyl chloride	ND		10	1	07/07/06 21:41	JC	3359521
cis-1,2-Dichloroethene	ND		5	1	07/07/06 21:41	JC	3359521
cis-1,3-Dichloropropene	ND		5	1	07/07/06 21:41	JC	3359521
m,p-Xylene	ND		5	1	07/07/06 21:41	JC	3359521
o-Xylene	ND		5	1	07/07/06 21:41	JC	3359521
trans-1,2-Dichloroethene	ND		5	1	07/07/06 21:41	JC	3359521
trans-1,3-Dichloropropene	ND		5	1	07/07/06 21:41	JC	3359521
Xylenes, Total	ND		5	1	07/07/06 21:41	JC	3359521
1,2-Dichloroethene (total)	ND		5	1	07/07/06 21:41	JC	3359521
Surr: 1,2-Dichloroethane-d4	84.0		% 64-130	1	07/07/06 21:41	JC	3359521
Surr: 4-Bromofluorobenzene	76.0		% 62-130	1	07/07/06 21:41	JC	3359521
Surr: Toluene-d8	86.0		% 70-140	1	07/07/06 21:41	JC	3359521

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference

06070197 Page 8

7/13/2006 9:43:11 AM



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-3

Collected: 07/05/2006 17:00 SPL Sample ID: 06070197-03

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
MERCURY, TOTAL				MCL	SW7471A	Units: mg/Kg	
Mercury	ND		0.03	1	07/08/06 8:30	T_H	3359945

<u>Prep Method</u>	<u>Prep Date</u>	<u>Prep Initials</u>	<u>Prep Factor</u>
SW7471A	07/08/2006 7:00	T_H	1.00

METALS BY METHOD 6010B, TOTAL				MCL	SW6010B	Units: mg/Kg	
Barium	97		0.5	1	07/11/06 0:50	EG	3363910
Cadmium	ND		0.5	1	07/11/06 0:50	EG	3363910
Chromium	10.6		1	1	07/11/06 0:50	EG	3363910
Silver	ND		1	1	07/11/06 0:50	EG	3363910

<u>Prep Method</u>	<u>Prep Date</u>	<u>Prep Initials</u>	<u>Prep Factor</u>
SW3050B	07/06/2006 14:51	ACW	1.00

METALS BY METHOD 6020, TOTAL				MCL	SW6020	Units: mg/Kg	
Arsenic	1.8		0.1	1	07/11/06 18:46	AL_H	3364588
Lead	11		0.1	1	07/11/06 18:46	AL_H	3364588
Selenium	0.293		0.1	1	07/11/06 18:46	AL_H	3364588

<u>Prep Method</u>	<u>Prep Date</u>	<u>Prep Initials</u>	<u>Prep Factor</u>
SW3050B	07/06/2006 14:51	ACW	1.00

TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/08/06 0:04	AM	3361940
>C12-C28	ND		50	1	07/08/06 0:04	AM	3361940
>C28-C35	ND		50	1	07/08/06 0:04	AM	3361940
Total TPH (C6-C35)	ND		50	1	07/08/06 0:04	AM	3361940
Surr: 1-Chlorooctane	104	%	70-130	1	07/08/06 0:04	AM	3361940
Surr: o-Terphenyl	91.2	%	70-130	1	07/08/06 0:04	AM	3361940

<u>Prep Method</u>	<u>Prep Date</u>	<u>Prep Initials</u>	<u>Prep Factor</u>
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-3

Collected: 07/05/2006 17:00

SPL Sample ID: 06070197-03

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,1,1-Trichloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,1,2-Trichloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,1-Dichloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,1-Dichloroethene	ND		5	1	07/07/06 22:10	JC	3359522
1,1-Dichloropropene	ND		5	1	07/07/06 22:10	JC	3359522
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,2,3-Trichloropropane	ND		5	1	07/07/06 22:10	JC	3359522
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dibromoethane	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dichlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dichloroethane	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dichloropropane	ND		5	1	07/07/06 22:10	JC	3359522
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,3-Dichlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
1,3-Dichloropropane	ND		5	1	07/07/06 22:10	JC	3359522
1,4-Dichlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
2,2-Dichloropropane	ND		5	1	07/07/06 22:10	JC	3359522
2-Butanone	ND		20	1	07/07/06 22:10	JC	3359522
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 22:10	JC	3359522
2-Chlorotoluene	ND		5	1	07/07/06 22:10	JC	3359522
2-Hexanone	ND		10	1	07/07/06 22:10	JC	3359522
4-Chlorotoluene	ND		5	1	07/07/06 22:10	JC	3359522
4-Isopropyltoluene	ND		5	1	07/07/06 22:10	JC	3359522
4-Methyl-2-pentanone	ND		10	1	07/07/06 22:10	JC	3359522
Acetone	ND		100	1	07/07/06 22:10	JC	3359522
Acrylonitrile	ND		50	1	07/07/06 22:10	JC	3359522
Benzene	ND		5	1	07/07/06 22:10	JC	3359522
Bromobenzene	ND		5	1	07/07/06 22:10	JC	3359522
Bromochloromethane	ND		5	1	07/07/06 22:10	JC	3359522
Bromodichloromethane	ND		5	1	07/07/06 22:10	JC	3359522
Bromoform	ND		5	1	07/07/06 22:10	JC	3359522
Bromomethane	ND		10	1	07/07/06 22:10	JC	3359522
Carbon disulfide	ND		5	1	07/07/06 22:10	JC	3359522
Carbon tetrachloride	ND		5	1	07/07/06 22:10	JC	3359522
Chlorobenzene	ND		5	1	07/07/06 22:10	JC	3359522
Chloroethane	ND		10	1	07/07/06 22:10	JC	3359522

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-3

Collected: 07/05/2006 17:00

SPL Sample ID: 06070197-03

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 22:10	JC	3359522
Chloromethane	ND		10	1	07/07/06 22:10	JC	3359522
dibromochloromethane	ND		5	1	07/07/06 22:10	JC	3359522
Dibromomethane	ND		5	1	07/07/06 22:10	JC	3359522
Dichlorodifluoromethane	ND		10	1	07/07/06 22:10	JC	3359522
Ethylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
Hexachlorobutadiene	ND		5	1	07/07/06 22:10	JC	3359522
Isopropylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
Methyl tert-butyl ether	ND		5	1	07/07/06 22:10	JC	3359522
Methylene chloride	ND		5	1	07/07/06 22:10	JC	3359522
Naphthalene	ND		5	1	07/07/06 22:10	JC	3359522
n-Butylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
n-Propylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
sec-Butylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
Styrene	ND		5	1	07/07/06 22:10	JC	3359522
tert-Butylbenzene	ND		5	1	07/07/06 22:10	JC	3359522
Tetrachloroethene	ND		5	1	07/07/06 22:10	JC	3359522
Toluene	ND		5	1	07/07/06 22:10	JC	3359522
Trichloroethene	ND		5	1	07/07/06 22:10	JC	3359522
Trichlorofluoromethane	ND		5	1	07/07/06 22:10	JC	3359522
Vinyl acetate	ND		10	1	07/07/06 22:10	JC	3359522
Vinyl chloride	ND		10	1	07/07/06 22:10	JC	3359522
cis-1,2-Dichloroethene	ND		5	1	07/07/06 22:10	JC	3359522
cis-1,3-Dichloropropene	ND		5	1	07/07/06 22:10	JC	3359522
m,p-Xylene	ND		5	1	07/07/06 22:10	JC	3359522
o-Xylene	ND		5	1	07/07/06 22:10	JC	3359522
trans-1,2-Dichloroethene	ND		5	1	07/07/06 22:10	JC	3359522
trans-1,3-Dichloropropene	ND		5	1	07/07/06 22:10	JC	3359522
Xylenes, Total	ND		5	1	07/07/06 22:10	JC	3359522
1,2-Dichloroethene (total)	ND		5	1	07/07/06 22:10	JC	3359522
Surr: 1,2-Dichloroethane-d4	84.0		% 64-130	1	07/07/06 22:10	JC	3359522
Surr: 4-Bromofluorobenzene	72.0		% 62-130	1	07/07/06 22:10	JC	3359522
Surr: Toluene-d8	86.0		% 70-140	1	07/07/06 22:10	JC	3359522

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-4

Collected: 07/05/2006 17:45

SPL Sample ID: 06070197-04

Site: 6056 Bellfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/08/06 0:24	AM	3361941
>C12-C28	ND		50	1	07/08/06 0:24	AM	3361941
>C28-C35	ND		50	1	07/08/06 0:24	AM	3361941
Total TPH (C6-C35)	ND		50	1	07/08/06 0:24	AM	3361941
Surr: 1-Chlorooctane	102		% 70-130	1	07/08/06 0:24	AM	3361941
Surr: o-Terphenyl	88.6		% 70-130	1	07/08/06 0:24	AM	3361941

Prep Method	Prep Date	Prep Initials	Prep Factor
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-4

Collected: 07/05/2006 17:45

SPL Sample ID: 06070197-04

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,1,1-Trichloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,1,2-Trichloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,1-Dichloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,1-Dichloroethene	ND		5	1	07/07/06 22:38	JC	3359523
1,1-Dichloropropene	ND		5	1	07/07/06 22:38	JC	3359523
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,2,3-Trichloropropane	ND		5	1	07/07/06 22:38	JC	3359523
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dibromoethane	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dichlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dichloroethane	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dichloropropane	ND		5	1	07/07/06 22:38	JC	3359523
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,3-Dichlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
1,3-Dichloropropane	ND		5	1	07/07/06 22:38	JC	3359523
1,4-Dichlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
2,2-Dichloropropane	ND		5	1	07/07/06 22:38	JC	3359523
2-Butanone	ND		20	1	07/07/06 22:38	JC	3359523
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 22:38	JC	3359523
2-Chlorotoluene	ND		5	1	07/07/06 22:38	JC	3359523
2-Hexanone	ND		10	1	07/07/06 22:38	JC	3359523
4-Chlorotoluene	ND		5	1	07/07/06 22:38	JC	3359523
4-Isopropyltoluene	ND		5	1	07/07/06 22:38	JC	3359523
4-Methyl-2-pentanone	ND		10	1	07/07/06 22:38	JC	3359523
Acetone	ND		100	1	07/07/06 22:38	JC	3359523
Acrylonitrile	ND		50	1	07/07/06 22:38	JC	3359523
Benzene	ND		5	1	07/07/06 22:38	JC	3359523
Bromobenzene	ND		5	1	07/07/06 22:38	JC	3359523
Bromochloromethane	ND		5	1	07/07/06 22:38	JC	3359523
Bromodichloromethane	ND		5	1	07/07/06 22:38	JC	3359523
Bromoform	ND		5	1	07/07/06 22:38	JC	3359523
Bromomethane	ND		10	1	07/07/06 22:38	JC	3359523
Carbon disulfide	ND		5	1	07/07/06 22:38	JC	3359523
Carbon tetrachloride	ND		5	1	07/07/06 22:38	JC	3359523
Chlorobenzene	ND		5	1	07/07/06 22:38	JC	3359523
Chloroethane	ND		10	1	07/07/06 22:38	JC	3359523

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference

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7/13/2006 9:43:13 AM



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-4

Collected: 07/05/2006 17:45

SPL Sample ID: 06070197-04

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 22:38	JC	3359523
Chloromethane	ND		10	1	07/07/06 22:38	JC	3359523
dibromochloromethane	ND		5	1	07/07/06 22:38	JC	3359523
Dibromomethane	ND		5	1	07/07/06 22:38	JC	3359523
Dichlorodifluoromethane	ND		10	1	07/07/06 22:38	JC	3359523
Ethylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
Hexachlorobutadiene	ND		5	1	07/07/06 22:38	JC	3359523
Isopropylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
Methyl tert-butyl ether	ND		5	1	07/07/06 22:38	JC	3359523
Methylene chloride	ND		5	1	07/07/06 22:38	JC	3359523
Naphthalene	ND		5	1	07/07/06 22:38	JC	3359523
n-Butylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
n-Propylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
sec-Butylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
Styrene	ND		5	1	07/07/06 22:38	JC	3359523
tert-Butylbenzene	ND		5	1	07/07/06 22:38	JC	3359523
Tetrachloroethene	ND		5	1	07/07/06 22:38	JC	3359523
Toluene	ND		5	1	07/07/06 22:38	JC	3359523
Trichloroethene	ND		5	1	07/07/06 22:38	JC	3359523
Trichlorofluoromethane	ND		5	1	07/07/06 22:38	JC	3359523
Vinyl acetate	ND		10	1	07/07/06 22:38	JC	3359523
Vinyl chloride	ND		10	1	07/07/06 22:38	JC	3359523
cis-1,2-Dichloroethene	ND		5	1	07/07/06 22:38	JC	3359523
cis-1,3-Dichloropropene	ND		5	1	07/07/06 22:38	JC	3359523
m,p-Xylene	ND		5	1	07/07/06 22:38	JC	3359523
o-Xylene	ND		5	1	07/07/06 22:38	JC	3359523
trans-1,2-Dichloroethene	ND		5	1	07/07/06 22:38	JC	3359523
trans-1,3-Dichloropropene	ND		5	1	07/07/06 22:38	JC	3359523
Xylenes, Total	ND		5	1	07/07/06 22:38	JC	3359523
1,2-Dichloroethene (total)	ND		5	1	07/07/06 22:38	JC	3359523
Surr: 1,2-Dichloroethane-d4	86.0		% 64-130	1	07/07/06 22:38	JC	3359523
Surr: 4-Bromofluorobenzene	70.0		% 62-130	1	07/07/06 22:38	JC	3359523
Surr: Toluene-d8	86.0		% 70-140	1	07/07/06 22:38	JC	3359523

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID:SB-5

Collected: 07/05/2006 18:30

SPL Sample ID: 06070197-05

Site: 6056 Bellfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/08/06 0:44	AM	3361942
>C12-C28	ND		50	1	07/08/06 0:44	AM	3361942
>C28-C35	ND		50	1	07/08/06 0:44	AM	3361942
Total TPH (C6-C35)	ND		50	1	07/08/06 0:44	AM	3361942
Surr: 1-Chlorooctane	102		% 70-130	1	07/08/06 0:44	AM	3361942
Surr: o-Terphenyl	90.4		% 70-130	1	07/08/06 0:44	AM	3361942

Prep Method	Prep Date	Prep Initials	Prep Factor
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-5

Collected: 07/05/2006 18:30

SPL Sample ID: 06070197-05

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,1,1-Trichloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,1,2-Trichloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,1-Dichloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,1-Dichloroethene	ND		5	1	07/07/06 23:06	JC	3359524
1,1-Dichloropropene	ND		5	1	07/07/06 23:06	JC	3359524
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,2,3-Trichloropropane	ND		5	1	07/07/06 23:06	JC	3359524
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dibromoethane	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dichlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dichloroethane	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dichloropropane	ND		5	1	07/07/06 23:06	JC	3359524
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,3-Dichlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
1,3-Dichloropropane	ND		5	1	07/07/06 23:06	JC	3359524
1,4-Dichlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
2,2-Dichloropropane	ND		5	1	07/07/06 23:06	JC	3359524
2-Butanone	ND		20	1	07/07/06 23:06	JC	3359524
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 23:06	JC	3359524
2-Chlorotoluene	ND		5	1	07/07/06 23:06	JC	3359524
2-Hexanone	ND		10	1	07/07/06 23:06	JC	3359524
4-Chlorotoluene	ND		5	1	07/07/06 23:06	JC	3359524
4-Isopropyltoluene	ND		5	1	07/07/06 23:06	JC	3359524
4-Methyl-2-pentanone	ND		10	1	07/07/06 23:06	JC	3359524
Acetone	ND		100	1	07/07/06 23:06	JC	3359524
Acrylonitrile	ND		50	1	07/07/06 23:06	JC	3359524
Benzene	ND		5	1	07/07/06 23:06	JC	3359524
Bromobenzene	ND		5	1	07/07/06 23:06	JC	3359524
Bromochloromethane	ND		5	1	07/07/06 23:06	JC	3359524
Bromodichloromethane	ND		5	1	07/07/06 23:06	JC	3359524
Bromoform	ND		5	1	07/07/06 23:06	JC	3359524
Bromomethane	ND		10	1	07/07/06 23:06	JC	3359524
Carbon disulfide	ND		5	1	07/07/06 23:06	JC	3359524
Carbon tetrachloride	ND		5	1	07/07/06 23:06	JC	3359524
Chlorobenzene	ND		5	1	07/07/06 23:06	JC	3359524
Chloroethane	ND		10	1	07/07/06 23:06	JC	3359524

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-5

Collected: 07/05/2006 18:30

SPL Sample ID: 06070197-05

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 23:06	JC	3359524
Chloromethane	ND		10	1	07/07/06 23:06	JC	3359524
dibromochloromethane	ND		5	1	07/07/06 23:06	JC	3359524
Dibromomethane	ND		5	1	07/07/06 23:06	JC	3359524
Dichlorodifluoromethane	ND		10	1	07/07/06 23:06	JC	3359524
Ethylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
Hexachlorobutadiene	ND		5	1	07/07/06 23:06	JC	3359524
Isopropylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
Methyl tert-butyl ether	ND		5	1	07/07/06 23:06	JC	3359524
Methylene chloride	ND		5	1	07/07/06 23:06	JC	3359524
Naphthalene	ND		5	1	07/07/06 23:06	JC	3359524
n-Butylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
n-Propylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
sec-Butylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
Styrene	ND		5	1	07/07/06 23:06	JC	3359524
tert-Butylbenzene	ND		5	1	07/07/06 23:06	JC	3359524
Tetrachloroethene	ND		5	1	07/07/06 23:06	JC	3359524
Toluene	ND		5	1	07/07/06 23:06	JC	3359524
Trichloroethene	ND		5	1	07/07/06 23:06	JC	3359524
Trichlorofluoromethane	ND		5	1	07/07/06 23:06	JC	3359524
Vinyl acetate	ND		10	1	07/07/06 23:06	JC	3359524
Vinyl chloride	ND		10	1	07/07/06 23:06	JC	3359524
cis-1,2-Dichloroethene	ND		5	1	07/07/06 23:06	JC	3359524
cis-1,3-Dichloropropene	ND		5	1	07/07/06 23:06	JC	3359524
m,p-Xylene	ND		5	1	07/07/06 23:06	JC	3359524
o-Xylene	ND		5	1	07/07/06 23:06	JC	3359524
trans-1,2-Dichloroethene	ND		5	1	07/07/06 23:06	JC	3359524
trans-1,3-Dichloropropene	ND		5	1	07/07/06 23:06	JC	3359524
Xylenes, Total	ND		5	1	07/07/06 23:06	JC	3359524
1,2-Dichloroethene (total)	ND		5	1	07/07/06 23:06	JC	3359524
Surr: 1,2-Dichloroethane-d4	88.0		% 64-130	1	07/07/06 23:06	JC	3359524
Surr: 4-Bromofluorobenzene	70.0		% 62-130	1	07/07/06 23:06	JC	3359524
Surr: Toluene-d8	82.0		% 70-140	1	07/07/06 23:06	JC	3359524

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID:SB-6

Collected: 07/05/2006 19:15

SPL Sample ID: 06070197-06

Site: 6056 Bellfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
TPH TEXAS 1005				MCL	TNRCC 1005	Units: mg/Kg	
C6-C12	ND		50	1	07/08/06 1:04	AM	3361943
>C12-C28	ND		50	1	07/08/06 1:04	AM	3361943
>C28-C35	ND		50	1	07/08/06 1:04	AM	3361943
Total TPH (C6-C35)	ND		50	1	07/08/06 1:04	AM	3361943
Surr: 1-Chlorooctane	102		% 70-130	1	07/08/06 1:04	AM	3361943
Surr: o-Terphenyl	88.4		% 70-130	1	07/08/06 1:04	AM	3361943

Prep Method	Prep Date	Prep Initials	Prep Factor
TNRCC 1005	07/07/2006 8:45	VTX	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-6

Collected: 07/05/2006 19:15

SPL Sample ID: 06070197-06

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/Kg	
1,1,1,2-Tetrachloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,1,1-Trichloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,1,2,2-Tetrachloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,1,2-Trichloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,1-Dichloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,1-Dichloroethene	ND		5	1	07/07/06 23:34	JC	3359525
1,1-Dichloropropene	ND		5	1	07/07/06 23:34	JC	3359525
1,2,3-Trichlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,2,3-Trichloropropane	ND		5	1	07/07/06 23:34	JC	3359525
1,2,4-Trichlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,2,4-Trimethylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dibromo-3-chloropropane	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dibromoethane	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dichlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dichloroethane	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dichloropropane	ND		5	1	07/07/06 23:34	JC	3359525
1,3,5-Trimethylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,3-Dichlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
1,3-Dichloropropane	ND		5	1	07/07/06 23:34	JC	3359525
1,4-Dichlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
2,2-Dichloropropane	ND		5	1	07/07/06 23:34	JC	3359525
2-Butanone	ND		20	1	07/07/06 23:34	JC	3359525
2-Chloroethyl vinyl ether	ND		10	1	07/07/06 23:34	JC	3359525
2-Chlorotoluene	ND		5	1	07/07/06 23:34	JC	3359525
2-Hexanone	ND		10	1	07/07/06 23:34	JC	3359525
4-Chlorotoluene	ND		5	1	07/07/06 23:34	JC	3359525
4-Isopropyltoluene	ND		5	1	07/07/06 23:34	JC	3359525
4-Methyl-2-pentanone	ND		10	1	07/07/06 23:34	JC	3359525
Acetone	ND		100	1	07/07/06 23:34	JC	3359525
Acrylonitrile	ND		50	1	07/07/06 23:34	JC	3359525
Benzene	ND		5	1	07/07/06 23:34	JC	3359525
Bromobenzene	ND		5	1	07/07/06 23:34	JC	3359525
Bromochloromethane	ND		5	1	07/07/06 23:34	JC	3359525
Bromodichloromethane	ND		5	1	07/07/06 23:34	JC	3359525
Bromoform	ND		5	1	07/07/06 23:34	JC	3359525
Bromomethane	ND		10	1	07/07/06 23:34	JC	3359525
Carbon disulfide	ND		5	1	07/07/06 23:34	JC	3359525
Carbon tetrachloride	ND		5	1	07/07/06 23:34	JC	3359525
Chlorobenzene	ND		5	1	07/07/06 23:34	JC	3359525
Chloroethane	ND		10	1	07/07/06 23:34	JC	3359525

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SB-6

Collected: 07/05/2006 19:15

SPL Sample ID: 06070197-06

Site: 6056 Belfort

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
Chloroform	ND		5	1	07/07/06 23:34	JC	3359525
Chloromethane	ND		10	1	07/07/06 23:34	JC	3359525
dibromochloromethane	ND		5	1	07/07/06 23:34	JC	3359525
Dibromomethane	ND		5	1	07/07/06 23:34	JC	3359525
Dichlorodifluoromethane	ND		10	1	07/07/06 23:34	JC	3359525
Ethylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
Hexachlorobutadiene	ND		5	1	07/07/06 23:34	JC	3359525
Isopropylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
Methyl tert-butyl ether	ND		5	1	07/07/06 23:34	JC	3359525
Methylene chloride	ND		5	1	07/07/06 23:34	JC	3359525
Naphthalene	ND		5	1	07/07/06 23:34	JC	3359525
n-Butylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
n-Propylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
sec-Butylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
Styrene	ND		5	1	07/07/06 23:34	JC	3359525
tert-Butylbenzene	ND		5	1	07/07/06 23:34	JC	3359525
Tetrachloroethene	ND		5	1	07/07/06 23:34	JC	3359525
Toluene	ND		5	1	07/07/06 23:34	JC	3359525
Trichloroethene	ND		5	1	07/07/06 23:34	JC	3359525
Trichlorofluoromethane	ND		5	1	07/07/06 23:34	JC	3359525
Vinyl acetate	ND		10	1	07/07/06 23:34	JC	3359525
Vinyl chloride	ND		10	1	07/07/06 23:34	JC	3359525
cis-1,2-Dichloroethene	ND		5	1	07/07/06 23:34	JC	3359525
cis-1,3-Dichloropropene	ND		5	1	07/07/06 23:34	JC	3359525
m,p-Xylene	ND		5	1	07/07/06 23:34	JC	3359525
o-Xylene	ND		5	1	07/07/06 23:34	JC	3359525
trans-1,2-Dichloroethene	ND		5	1	07/07/06 23:34	JC	3359525
trans-1,3-Dichloropropene	ND		5	1	07/07/06 23:34	JC	3359525
Xylenes, Total	ND		5	1	07/07/06 23:34	JC	3359525
1,2-Dichloroethene (total)	ND		5	1	07/07/06 23:34	JC	3359525
Surr: 1,2-Dichloroethane-d4	86.0		% 64-130	1	07/07/06 23:34	JC	3359525
Surr: 4-Bromofluorobenzene	72.0		% 62-130	1	07/07/06 23:34	JC	3359525
Surr: Toluene-d8	86.0		% 70-140	1	07/07/06 23:34	JC	3359525

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

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Quality Control Documentation



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: TPH Texas 1005
Method: TNRCC 1005

WorkOrder: 06070197
Lab Batch ID: 58629

Method Blank

RunID: HP_B_060710E-3361923 Units: mg/Kg
Analysis Date: 07/07/2006 18:24 Analyst: AM
Preparation Date: 07/07/2006 8:45 Prep By: VTX Method TNRCC 1005

Analyte	Result	Rep Limit
>C12-C28	ND	50
>C28-C35	ND	50
C6-C12	ND	50
Total TPH (C6-C35)	ND	50
Surr: 1-Chlorooctane	99.5	70-130
Surr: o-Terphenyl	87.7	70-130

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06070197-01B	SB-1
06070197-02B	SB-2
06070197-03B	SB-3
06070197-04B	SB-4
06070197-05B	SB-5
06070197-06B	SB-6

Laboratory Control Sample (LCS)

RunID: HP_B_060710E-3361924 Units: mg/Kg
Analysis Date: 07/07/2006 18:44 Analyst: AM
Preparation Date: 07/07/2006 8:45 Prep By: VTX Method TNRCC 1005

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
>C12-C28	1000	907	90.7	75	125
C6-C12	1000	911	91.1	75	125
Total TPH (C6-C35)	2000	1818	90.91	75	125

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06070194-01
RunID: HP_B_060710E-3361926 Units: mg/Kg
Analysis Date: 07/07/2006 19:25 Analyst: AM
Preparation Date: 07/07/2006 8:45 Prep By: VTX Method TNRCC 1005

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
>C12-C28	ND	1000	935	93.5	1000	943	94.3	0.799	20	75	125
C6-C12	ND	1000	921	92.1	1000	957	95.7	3.83	20	75	125
Total TPH (C6-C35)	ND	2000	1856	92.81	2000	1900	94.98	2.314	20	75	125

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Metals by Method 6010B, Total
Method: SW6010B

WorkOrder: 06070197
Lab Batch ID: 58622

Method Blank

RunID: TJA_060710A-3363908 Units: mg/Kg
Analysis Date: 07/11/2006 0:41 Analyst: EG
Preparation Date: 07/06/2006 14:51 Prep By: AC Method SW3050B

Samples in Analytical Batch:

Lab Sample ID Client Sample ID
06070197-03D SB-3

Analyte	Result	Rep Limit
Barium	ND	0.5
Cadmium	ND	0.5
Chromium	ND	1
Silver	ND	1

Laboratory Control Sample (LCS)

RunID: TJA_060710A-3363909 Units: mg/Kg
Analysis Date: 07/11/2006 0:45 Analyst: EG
Preparation Date: 07/06/2006 14:51 Prep By: AC Method SW3050B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Barium	156.0	146.0	93.61	82	119
Cadmium	233.0	218.3	93.67	81	119
Chromium	60.80	62.58	102.9	78	121
Silver	80.00	79.90	99.87	61	139

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06070197-03
RunID: TJA_060710A-3363911 Units: mg/Kg
Analysis Date: 07/11/2006 0:55 Analyst: EG
Preparation Date: 07/06/2006 14:51 Prep By: AC Method SW3050B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Barium	97.04	100	195.8	98.74	100	178.7	81.65	9.129	20	75	125
Cadmium	ND	100	92.47	92.47	100	93.67	93.67	1.288	20	75	125
Chromium	10.60	100	110.4	99.77	100	109.6	98.99	0.7137	20	75	125
Silver	ND	100	93.92	93.92	100	94.78	94.78	0.9073	20	75	125

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

020, Total
Method Blank
WorkOrder: 06070197
ATC Associates, Inc.
Lab Sample ID: 06070197-03D
Phase II ESA Parcel S89-007

Units: mg/Kg
Analyst: AL_H
Prep By: AC Method SW3050B
Lab Sample ID: 06070197-03D
Client Sample ID: SB-3

Result Rep Limit

ND 0.1
ND 0.1
ND 0.1

Laboratory Control Sample (LCS)		

ICPMS_060711A-3364587 Units: mg/Kg

Analysis Date: 07/11/2006 18:41 Analyst: AL_H

Preparation Date: 07/06/2006 14:51 Prep By: AC Method SW3050B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
	80.90	80.61	99.64	79	121
	76.80	78.45	102.1	81	120
	82.90	84.62	102.1	76	124

Post Digestion Spike (PDS) / Post Digestion Spike Duplicate (PDSD)

02 Units: mg/Kg
Analyst: AL_H

Sample Result	PDS Spike Added	PDS Result	PDS % Recovery	PDSD Spike Added	PDSD Result	PDSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
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1.8	10	11.1	93.01	10	10.99	91.91	0.9959	20	75	125
11	10	24.36	133.1 *	10	24.06	130.1 *	1.239	20	75	125
Matrix Spike (MS) / Matrix Spike Duplicate (MSD)										
Sample Spiked: 06070197-03										

ICPMS_060711A-3364589 Units: mg/Kg

Analysis Date: 07/11/2006 18:50 Analyst: AL_H

Preparation Date: 07/06/2006 14:51 Prep By: AC Method SW3050B

at the Reporting Limit
on the associated Method Blank
between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

- Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

as to count

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are correct as reported. Due to significant figures and
from the displayed RPD values but is correct as reported.

7/13/2006 9:43:16 AM



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc.
Phase II ESA Parcel S89-007

Analysis: Metals by Method 6020, Total
Method: SW6020

WorkOrder: 06070197
Lab Batch ID: 58622-I

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Arsenic	1.799	10	14.87	130.7 *	10	12.30	105.0	18.92	20	75	125
Lead	11.05	10	46.51	354.6 *	10	33.34	222.9 *	32.99 *	20	75	125
Selenium	0.2930	10	7.887	75.94	10	7.987	76.94	1.260	20	75	125

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Mercury, Total
Method: SW7471A

WorkOrder: 06070197
Lab Batch ID: 58671

Method Blank

Samples in Analytical Batch:

RunID: HGLC_060708A-3359939 Units: mg/Kg
Analysis Date: 07/08/2006 8:14 Analyst: T_H
Preparation Date: 07/08/2006 7:00 Prep By: T_H Method SW7471A

Lab Sample ID 06070197-03D
Client Sample ID SB-3

Analyte	Result	Rep Limit
Mercury	ND	0.03

Laboratory Control Sample (LCS)

RunID: HGLC_060708A-3359940 Units: mg/Kg
Analysis Date: 07/08/2006 8:17 Analyst: T_H
Preparation Date: 07/08/2006 7:00 Prep By: T_H Method SW7471A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Mercury	3.710	3.401	91.68	68	132

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06070140-01
RunID: HGLC_060708A-3359942 Units: mg/Kg
Analysis Date: 07/08/2006 8:22 Analyst: T_H
Preparation Date: 07/08/2006 7:00 Prep By: T_H Method SW7471A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.3	0.2865	91.43	0.3	0.2807	89.51	2.038	20	75	125

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Method Blank

RunID: N_060707C-3359516 Units: ug/kg
Analysis Date: 07/07/2006 18:53 Analyst: JC
Preparation Date: 07/07/2006 18:53 Prep By: Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06070197-01A	SB-1
06070197-02A	SB-2
06070197-03A	SB-3
06070197-04A	SB-4
06070197-05A	SB-5
06070197-06A	SB-6

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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7/13/2006 9:43:17 AM



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Method Blank

RunID: N_060707C-3359516 Units: ug/kg
Analysis Date: 07/07/2006 18:53 Analyst: JC
Preparation Date: 07/07/2006 18:53 Prep By: Method

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
Naphthalene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Xylenes, Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	84.0	64-130
Surr: 4-Bromofluorobenzene	76.0	62-130
Surr: Toluene-d8	86.0	70-140

Laboratory Control Sample (LCS)

RunID: N_060707C-3359515 Units: ug/kg
Analysis Date: 07/07/2006 17:58 Analyst: JC
Preparation Date: 07/07/2006 17:58 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	50.0	54.0	108	35	175
1,1,1-Trichloroethane	50.0	46.0	92.0	35	175
1,1,2,2-Tetrachloroethane	50.0	46.0	92.0	35	175
1,1,2-Trichloroethane	50.0	45.0	90.0	35	175
1,1-Dichloroethane	50.0	42.0	84.0	35	175
1,1-Dichloroethene	50.0	44.0	88.0	59	172
1,1-Dichloropropene	50.0	43.0	86.0	35	175

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Laboratory Control Sample (LCS)

RunID: N_060707C-3359515 Units: ug/kg
Analysis Date: 07/07/2006 17:58 Analyst: JC
Preparation Date: 07/07/2006 17:58 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,2,3-Trichlorobenzene	50.0	65.0	130	20	200
1,2,3-Trichloropropane	50.0	53.0	106	35	175
1,2,4-Trichlorobenzene	50.0	66.0	132	40	200
1,2,4-Trimethylbenzene	50.0	59.0	118	35	175
1,2-Dibromo-3-chloropropane	50.0	55.0	110	15	175
1,2-Dibromoethane	50.0	47.0	94.0	35	175
1,2-Dichlorobenzene	50.0	58.0	116	35	175
1,2-Dichloroethane	50.0	44.0	88.0	35	175
1,2-Dichloropropane	50.0	47.0	94.0	35	175
1,3,5-Trimethylbenzene	50.0	57.0	114	35	175
1,3-Dichlorobenzene	50.0	58.0	116	35	175
1,3-Dichloropropane	50.0	49.0	98.0	35	175
1,4-Dichlorobenzene	50.0	58.0	116	35	175
2,2-Dichloropropane	50.0	47.0	94.0	35	175
2-Butanone	50.0	58.0	116	20	235
2-Chloroethyl vinyl ether	50.0	31.0	62.0	10	250
2-Chlorotoluene	50.0	58.0	116	31	175
2-Hexanone	50.0	56.0	112	10	250
4-Chlorotoluene	50.0	57.0	114	35	175
4-Isopropyltoluene	50.0	62.0	124	35	175
4-Methyl-2-pentanone	50.0	18.0	36.0	10	170
Acetone	250	250	100	10	350
Acrylonitrile	50.0	40.0	80.0	20	200
Benzene	50.0	45.0	90.0	66	142
Bromobenzene	50.0	56.0	112	35	175
Bromochloromethane	50.0	45.0	90.0	35	175
Bromodichloromethane	50.0	46.0	92.0	35	175
Bromoform	50.0	54.0	108	35	175
Bromomethane	50.0	46.0	92.0	35	175
Carbon disulfide	50.0	38.0	76.0	30	220
Carbon tetrachloride	50.0	54.0	108	35	175
Chlorobenzene	50.0	54.0	108	60	133
Chloroethane	50.0	41.0	82.0	35	175
Chloroform	50.0	42.0	84.0	35	175
Chloromethane	50.0	44.0	88.0	35	175

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
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Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Laboratory Control Sample (LCS)

RunID: N_060707C-3359515 Units: ug/kg
Analysis Date: 07/07/2006 17:58 Analyst: JC
Preparation Date: 07/07/2006 17:58 Prep By: Method

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Dibromochloromethane	50.0	54.0	108	35	175
Dibromomethane	50.0	49.0	98.0	35	175
Dichlorodifluoromethane	50.0	56.0	112	30	175
Ethylbenzene	50.0	52.0	104	35	175
Hexachlorobutadiene	50.0	68.0	136	35	175
Isopropylbenzene	50.0	51.0	102	35	175
Methyl tert-butyl ether	100	100	100	35	175
Methylene chloride	50.0	42.0	84.0	35	175
Naphthalene	50.0	57.0	114	20	175
n-Butylbenzene	50.0	62.0	124	35	175
n-Propylbenzene	50.0	55.0	110	35	175
sec-Butylbenzene	50.0	59.0	118	35	175
Styrene	50.0	48.0	96.0	35	175
tert-Butylbenzene	50.0	56.0	112	35	175
Tetrachloroethene	50.0	43.0	86.0	30	250
Toluene	50.0	50.0	100	59	139
Trichloroethene	50.0	49.0	98.0	60	140
Trichlorofluoromethane	50.0	48.0	96.0	17	250
Vinyl acetate	50.0	44.0	88.0	10	250
Vinyl chloride	50.0	48.0	96.0	30	175
cis-1,2-Dichloroethene	50.0	44.0	88.0	35	175
cis-1,3-Dichloropropene	50.0	48.0	96.0	35	175
m,p-Xylene	100	110	110	35	175
o-Xylene	50.0	54.0	108	35	175
trans-1,2-Dichloroethene	50.0	42.0	84.0	35	175
trans-1,3-Dichloropropene	50.0	48.0	96.0	35	175
1,2-Dichloroethene (total)	100	86	86	35	175
Xylenes, Total	150	164	109	35	175

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06070197-01
RunID: N_060707C-3359518 Units: ug/kg
Analysis Date: 07/07/2006 19:49 Analyst: JC

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	ND	50	45.0	90.0	50	47.0	94.0	4.35	30	35	175
1,1,1-Trichloroethane	ND	50	39.0	78.0	50	38.0	76.0	2.60	30	35	175
1,1,2,2-Tetrachloroethane	ND	50	47.0	94.0	50	43.0	86.0	8.89	30	35	175
1,1,2-Trichloroethane	ND	50	42.0	84.0	50	42.0	84.0	0	30	35	175
1,1-Dichloroethane	ND	50	37.0	74.0	50	36.0	72.0	2.74	30	35	175
1,1-Dichloroethene	ND	50	39.0	78.0	50	38.0	76.0	2.60	22	59	172
1,1-Dichloropropene	ND	50	38.0	76.0	50	37.0	74.0	2.67	30	35	175
1,2,3-Trichlorobenzene	ND	50	48.0	96.0	50	41.0	82.0	15.7	30	20	200
1,2,3-Trichloropropane	ND	50	50.0	100	50	45.0	90.0	10.5	30	35	175
1,2,4-Trichlorobenzene	ND	50	43.0	86.0	50	38.0	76.0	12.3	30	40	200
1,2,4-Trimethylbenzene	ND	50	44.0	88.0	50	42.0	84.0	4.65	30	35	175
1,2-Dibromo-3-chloropropane	ND	50	54.0	108	50	52.0	104	3.77	30	15	175
1,2-Dibromoethane	ND	50	45.0	90.0	50	42.0	84.0	6.90	30	35	175
1,2-Dichlorobenzene	ND	50	45.0	90.0	50	40.0	80.0	11.8	30	35	175
1,2-Dichloroethane	ND	50	41.0	82.0	50	39.0	78.0	5.00	30	35	175
1,2-Dichloropropane	ND	50	40.0	80.0	50	38.0	76.0	5.13	30	35	175
1,3,5-Trimethylbenzene	ND	50	42.0	84.0	50	41.0	82.0	2.41	30	35	175
1,3-Dichlorobenzene	ND	50	44.0	88.0	50	40.0	80.0	9.52	30	35	175
1,3-Dichloropropane	ND	50	45.0	90.0	50	44.0	88.0	2.25	30	35	175
1,4-Dichlorobenzene	ND	50	41.0	82.0	50	38.0	76.0	7.59	30	35	175
2,2-Dichloropropane	ND	50	40.0	80.0	50	40.0	80.0	0	30	35	175
2-Butanone	ND	50	39.0	78.0	50	35.0	70.0	10.8	30	10	230
2-Chloroethyl vinyl ether	ND	50	52.0	104	50	45.0	90.0	14.4	30	10	250
2-Chlorotoluene	ND	50	45.0	90.0	50	44.0	88.0	2.25	30	31	175
2-Hexanone	ND	50	42.0	84.0	50	40.0	80.0	4.88	30	10	250
4-Chlorotoluene	ND	50	43.0	86.0	50	38.0	76.0	12.3	30	35	175
4-Isopropyltoluene	ND	50	43.0	86.0	50	41.0	82.0	4.76	30	35	175
4-Methyl-2-pentanone	ND	50	48.0	96.0	50	43.0	86.0	11.0	30	10	170
Acetone	ND	250	180	72.0	250	160	64.0	11.8	30	10	350
Acrylonitrile	ND	290	230	79.3	290	200	69.0	14.0	30	20	200
Benzene	ND	50	38.0	76.0	50	38.0	76.0	0	21	66	142
Bromobenzene	ND	50	45.0	90.0	50	43.0	86.0	4.55	30	35	175
Bromochloromethane	ND	50	44.0	88.0	50	41.0	82.0	7.06	30	35	175
Bromodichloromethane	ND	50	40.0	80.0	50	40.0	80.0	0	30	35	175
Bromoform	ND	50	55.0	110	50	51.0	102	7.55	30	35	175
Bromomethane	ND	50	39.0	78.0	50	39.0	78.0	0	30	35	175
Carbon disulfide	ND	50	34.0	68.0	50	33.0	66.0	2.99	30	30	220
Carbon tetrachloride	ND	50	44.0	88.0	50	45.0	90.0	2.25	30	35	175

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL * - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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06070197 Page 31

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7/13/2006 9:43:17 AM



Quality Control Report

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

ATC Associates, Inc. Phase II ESA Parcel S89-007

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 06070197
Lab Batch ID: R174108

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06070197-01
RunID: N_060707C-3359518 Units: ug/kg
Analysis Date: 07/07/2006 19:49 Analyst: JC

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chlorobenzene	ND	50	44.0	88.0	50	41.0	82.0	7.06	21	60	133
Chloroethane	ND	50	32.0	64.0	50	33.0	66.0	3.08	30	35	175
Chloroform	ND	50	37.0	74.0	50	36.0	72.0	2.74	30	35	175
Chloromethane	ND	50	36.0	72.0	50	35.0	70.0	2.82	30	35	175
Dibromochloromethane	ND	50	49.0	98.0	50	47.0	94.0	4.17	30	35	175
Dibromomethane	ND	50	45.0	90.0	50	43.0	86.0	4.55	30	35	175
Dichlorodifluoromethane	ND	50	37.0	74.0	50	38.0	76.0	2.67	30	30	175
Ethylbenzene	ND	50	40.0	80.0	50	41.0	82.0	2.47	30	35	175
Hexachlorobutadiene	ND	50	45.0	90.0	50	41.0	82.0	9.30	30	35	175
Isopropylbenzene	ND	50	43.0	86.0	50	41.0	82.0	4.76	30	35	175
Methyl tert-butyl ether	ND	50	49.0	98.0	50	47.0	94.0	4.17	30	35	175
Methylene chloride	ND	50	38.0	70.0	50	35.0	64.0	8.22	30	35	175
Naphthalene	ND	50	45.0	90.0	50	42.0	84.0	6.90	30	20	175
n-Butylbenzene	ND	50	44.0	88.0	50	41.0	82.0	7.06	30	35	175
n-Propylbenzene	ND	50	41.0	82.0	50	40.0	80.0	2.47	30	35	175
sec-Butylbenzene	ND	50	42.0	84.0	50	41.0	82.0	2.41	30	35	175
Styrene	ND	50	41.0	82.0	50	40.0	80.0	2.47	30	35	175
tert-Butylbenzene	ND	50	43.0	86.0	50	41.0	82.0	4.76	30	35	175
Tetrachloroethene	ND	50	35.0	70.0	50	36.0	72.0	2.82	30	30	250
Toluene	ND	50	41.0	82.0	50	42.0	84.0	2.41	21	59	139
Trichloroethene	ND	50	42.0	84.0	50	41.0	82.0	2.41	24	60	140
Trichlorofluoromethane	ND	50	42.0	84.0	50	41.0	82.0	2.41	30	17	250
Vinyl acetate	ND	50	10.0	20.0	50	6.00	12.0	50.0 *	30	10	250
Vinyl chloride	ND	50	37.0	74.0	50	36.0	72.0	2.74	30	30	175
cis-1,2-Dichloroethene	ND	50	37.0	74.0	50	37.0	74.0	0	30	35	175
cis-1,3-Dichloropropene	ND	50	42.0	84.0	50	40.0	80.0	4.88	30	35	175
m,p-Xylene	ND	100	86.0	86.0	100	83.0	83.0	3.55	30	35	175
o-Xylene	ND	50	43.0	86.0	50	42.0	84.0	2.35	30	35	175
trans-1,2-Dichloroethene	ND	50	38.0	76.0	50	36.0	72.0	5.41	30	35	175
trans-1,3-Dichloropropene	ND	50	43.0	86.0	50	41.0	82.0	4.76	30	35	175
1,2-Dichloroethene (total)	ND	100	75	75	100	73	73	2.7	30	35	175
Xylenes, Total	ND	150	129	86.0	150	125	83.3	3.15	30	35	175

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

06070197 Page 32

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7/13/2006 9:43:17 AM

*Sample Receipt Checklist
And
Chain of Custody*



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	06070197	Received By:	NB
Date and Time Received:	7/6/2006 10:20:00 AM	Carrier name:	Client
Temperature:	6.0°C	Chilled by:	Water Ice

- | | | | |
|--|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | VOA Vials Not Present <input checked="" type="checkbox"/> |
| 13. Water - Preservation checked upon receipt (except VOA*)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/> |

*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:



SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.

226310

page 1 of 1

Client Name: ATC ASSOCIATES

Address: 3928 Blue bonnet DR. Stafford TX 77477

Phone/Fax: 281-240-0154 281-240-8909 fax

Client Contact: Tina Wickham Email:

Project Name/No.: Phase II ESA Parcel SYG-038

Site Name: Phase II ESA Parcel SYG-038

Site Location: 6056 Bellfort

Invoice To: Ph:

SAMPLE ID DATE TIME comp grab

SB-1 7-5-06 1530 X

SB-2 7-5-06 1615 X

SB-3 7-5-06 1700 X

SB-4 7-5-06 1745 X

SB-5 7-5-06 1830 X

SB-6 7-5-06 1915 X

matrix

W=water S=soil O=oil
SL=sludge X=other

bottle

P=plastic A=amber glass
G=glass V=vial X=other

size

1=1 liter 4=4oz 40=vial
8=8oz 16=16oz X=other

pres.

1=HCl 2=HNO3
3=H2SO4 X=other

Number of Containers

Requested Analysis

VOC-8260

TPH TX 1005

PCA-Metals

Hold for
PAH 8310Client/Consultant Remarks: Run PAH on
Highest TPH Concentration.

Laboratory remarks:

Intact? ☐ Y ☐ N
Ice? ☐ Y ☐ N
Temp 60°

Requested TAT

Contract ☐ 72hr ☐24hr ☐ Standard ☐48hr ☐Other ☒ 5 DAY

Special Reporting Requirements Results:

Fax ☐ Email ☐ PDF ☐

Special Detection Limits (specify):

PM review (initial):

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

1. Relinquished by Sampler:

date

time

3. Relinquished by:

date

time

5. Relinquished by:

date

time

2. Received by:

4. Received by:

6. Received by Laboratory:

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777